

REMARKS

Claims 1-11 are pending in the application. Claims 1-7 are rejected. Claim 9 is objected to. Claims 8, 10 and 11 are allowed. Claims 12-31 have been added.

Claims 1 and 9 are objected to because of informalities. Claim 1 as amended overcomes the objection. The 35 U.S.C. 112, second paragraph rejection of claim 1 is also overcome since claim 1 recites "a single carrier frequency of said predetermined set of frequencies."

Claim 9 has been amended to replace "single band mode" with "single carrier mode" per the Examiner's suggestion. However, applicant disagrees with the Examiner's suggestion that claim 9 should replace "single band system" with "single carrier signal." The term "single carrier signal" is not found in the specification or claims. Whereas, the term "single band system" is used in the specification and claims. Page 5, line 31 and page 8, lines 27-32. Thus, the objections to claim 9 are overcome and is in condition for allowance.

Claim 8 has been amended to correct the nomenclature from "sync carrier message" to "sync channel message."

Claims 1 and 3 are rejected under 35 U.S.C. 102(e) as being anticipated by Katsuragawa. Claim 1 as amended overcomes the 35 U.S.C. 102(e) rejection. Thus, claim 1 is in condition for allowance. Claims 2-7 depend on patentable claim 1, therefore, claims 2-7 are also patentable. Thus, claims 1-11 are patentable.

REQUEST FOR ALLOWANCE

In view of the foregoing, Applicants submit that all pending claims in the application are patentable. Accordingly, reconsideration and allowance of this application is earnestly solicited. Should any issues remain unresolved, the Examiner is encouraged to telephone the undersigned at the number provided below.

Respectfully submitted,

Dated: December 20, 2002

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APPENDIX A

1. (Amended) A multi-carrier base station operating within a predetermined set of frequencies wherein data components of forward link data are transmitted simultaneously on a plurality of frequency bands, said base station comprising:

a first transmission subsystem for transmitting a sync channel message on a single carrier frequency of said predetermined set of frequencies; and

at least one additional transmission subsystem for transmitting remaining components of said forward link data on another carrier frequency of said predetermined set of frequencies.

8. (Amended) A multi-carrier mobile station comprising:

a control processor for controlling the operation of a plurality of receiver subsystems in accordance with frequency information indicated in a received sync [carrier] channel message;

a first receiver subsystem for receiving said sync channel message on single carrier frequency and for providing said sync [carrier] channel message to said control processor and for receiving a first portion of a multi-carrier signal;

at least one additional receiver subsystem for receiving additional portions of said multi-carrier signal.

9. (Amended) The mobile station of Claim 8 wherein said control processor decides whether to operate in a single carrier [band] mode or a multi-carrier mode and directs said first receiver subsystem to tune to a frequency indicated in said sync channel message for the reception of a single band system when said mobile station decides to operate in a single carrier [band] mode and directs said first receiver subsystem to tune to a first frequency and directs said at least one additional receiver subsystem to tune to at least one additional frequency when said mobile station decides to operate in a multi-carrier mode.